

## **ABSTRACT**

### **QUANTITATIVE BASED RISK ASSESSMENT AT PT COLLEGA INTI PRATAMA**

*CIP as a digital IT services company that focuses on technology development in the banking and financial industry has banking clients, especially Regional Development Banks throughout Indonesia. Transformation into a digital bank, cyber security threats, customer data leaks, strict banking regulations, availability of competent resources and good governance of project management are challenges facing companies today. The company has implemented a risk management policy but its implementation is still qualitative in nature so that it has not been able to provide quantitative information on identified risks, analysis and evaluation results as well as budgets and success measurement for risk treatment and monitoring.*

*This study aims to identify the main risks in the project and operations, analyze, evaluate, make a treatment plan and monitor risks quantitatively. The results of this study are in the form of recommendations for the flow of quantitative risk management studies.*

*Keywords: risk management, quantitative analysis, project risk, operational risk, IT services company*

## **ABSTRAK**

### **MANAJEMEN RISIKO BERBASIS KUANTITATIF DI PT COLLEGA INTI PRATAMA**

CIP sebagai perusahaan digital IT Services yang berfokus pada pengembangan teknologi di industri perbankan dan finansial memiliki klien perbankan khususnya Bank Pembangunan Daerah di seluruh Indonesia. Transformasi menjadi bank digital, ancaman cyber security, kebocoran data nasabah, ketatnya regulasi perbankan, ketersediaan sumber daya yang kompeten serta tata kelola penanganan proyek yang baik merupakan tantangan yang dihadapi perusahaan saat ini.

Perusahaan telah menerapkan kebijakan manajemen risiko namun implementasinya masih bersifat kualitatif sehingga belum dapat memberikan informasi kuantitatif atas risiko yang teridentifikasi, hasil analisis dan evaluasi serta anggaran dan pengukuran keberhasilan atas perlakuan dan pemantauan risiko.

Penelitian ini bertujuan untuk mengidentifikasi risiko-risiko utama di proyek dan operasional, menganalisis, mengevaluasi, membuat rencana perlakuan dan pemantauan risiko secara kuantitatif. Hasil penelitian ini berupa rekomendasi alur kajian kuantitatif manajemen risiko.

Kata Kunci: manajemen risiko, kajian kuantitatif, risiko proyek, risiko operasional, perusahaan IT Services